(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 15 September 2005 (15.09.2005)

PCT

(10) International Publication Number WO 2005/085726 A1

(51) International Patent Classification⁷: B67D 1/08

F25D 31/00,

(21) International Application Number:

PCT/IB2005/000465

- (22) International Filing Date: 24 February 2005 (24.02.2005)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 04290497.9

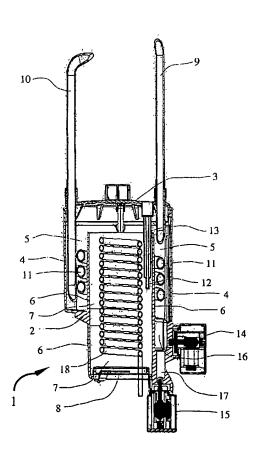
24 February 2004 (24.02.2004) EF

- (71) Applicant (for all designated States except US): DIEAU S.A. [FR/FR]; Rue Verte, F-63118 Cebazat (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): DIETSCHI, Eric [CH/CH]; 8 rue du Bugnon, CH-1803 Chardonne (CH). FOURNIER, Eric [FR/FR]; 27 Grande Rue, F-03110 Broutvernet (FR). PEREIRA, Alexandre [FR/FR]; Z I de Ladoux, Rue Orange, F-63118 Cebazat (FR).

- (74) Agent: THURGOOD, Alexander; Cabinet Michel Richebourg, Le Clos du Golf, 69 rue Saint-Simon, F-42000 Saint-Etienne (FR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: COOLING UNIT FOR A DRINKING WATER FOUNTAIN, AND WATER FOUNTAIN CONTAINING SUCH A UNIT



(57) Abstract: A self-contained cooling unit (1) for drinking water fountains, wherein the cooling unit comprises - an outer casing (2) forming a fluidtight chamber; a thermal exchange fluid held within the chamber; - a source of cold energy (18) transferable to the thermal exchange fluid; - at least one drinking water conduit (11) arranged within the chamber and having a drinking water inlet (9) and a drinking water outlet (10) outside of said chamber.

WO 2005/085726 A1



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.